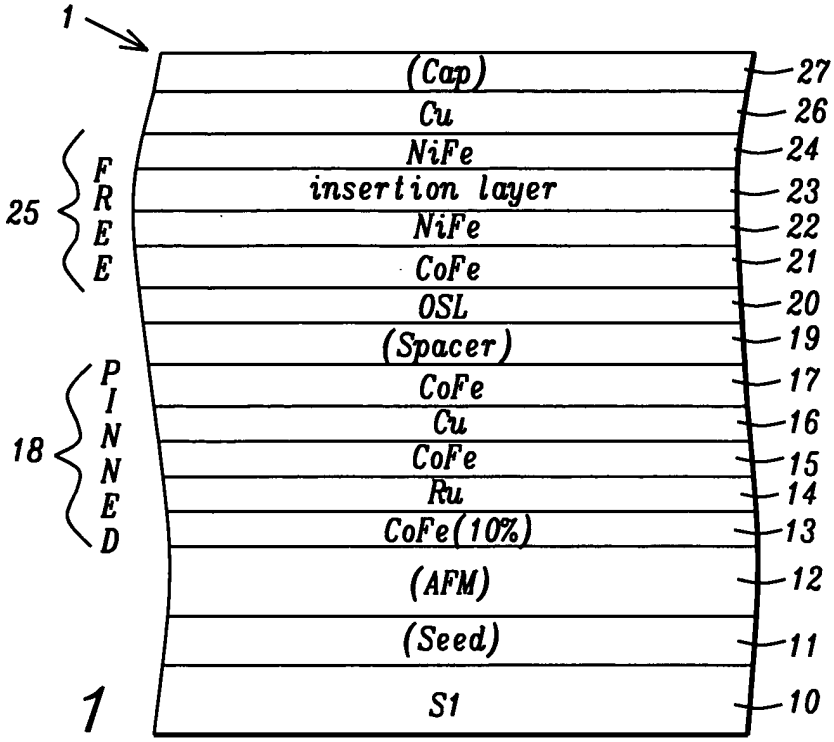
1
(Cap)
27
Cu
26
NiFe
24
insertion layer
23
NiFe
22
CoFe
21
OSL
20
(Spacer)
19
CoFe
17
Cu
16
CoFe
15
Ru
14
CoFe(10%)
13
(AFM)
12
(Seed)
11
S1
10
25
FREE
18
PINNED

FIG. 1

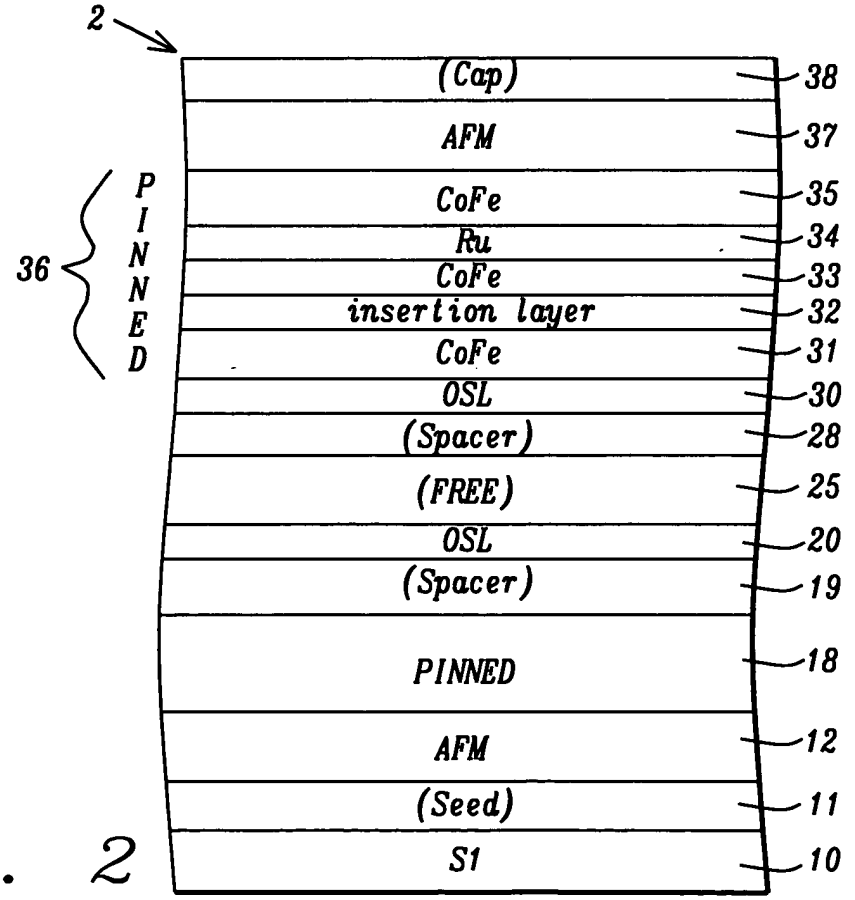
2
(Cap)
38
AFM
37
CoFe
35
Ru
34
CoFe
33
insertion layer
32
CoFe
31
OSL
30
(Spacer)
28
(FREE)
25
OSL
20
(Spacer)
19
PINNED
18
AFM
12
(Seed)
11
S1
10
36
PINNED

FIG. 2